Rheumatology INTERNATIONAL

Clinical and Experimental Investigations

Volume 15 1995/96

Editorial board

B. Bresnihan, Dublin; E. G. L. Bywaters, Beaconsfield; K. Fehr, Zurich; J. R. Kalden, Erlangen; E.-M. Lemmel, Baden-Baden; K. D. Muirden, Melbourne; J. B. Natvig, Oslo; R. Winchester, New York; M. Ziff, Dallas, TX

Advisory board

D. Alarcón-Segovia, Mexico City; B. M. Ansell, Harrow; J. R. Batchelor, London; J. J. de Blécourt, Groningen; L. Bonomo, Rome; D. Brackertz, Mainz; T. D. V. Cooke, Riyadh; S. D. Deodhar, Chandigarh; J. P. Edmonds, Kogarah; T. E. W. Feltkamp, Amsterdam; J. Gergely, Göd; H. Greiling, Aachen; K. Hirohata, Kobe; E. J. Holborow, London; G. R. V. Hughes, London; M. F. Kahn, Paris; T. D. Kinsella, Calgary, Alberta; P.-H. Lambert, Geneva; R. N. Maini, London; D. G. Palmer, Dunedin; P. A. Revell, London; A. S. Russell, Edmonton, Alberta; J. Sany, Montpellier; L. C. Schulz, Hannover; J. D. Stobo, San Francisco, CA; N. Talal, San Antonio, TX; E. M. Tan, Denver, CO; R. Timpl, Martinsried; J. H. Vaughan, La Jolla, CA; B. Vernon-Roberts, Adelaide; T. L. Vischer, Geneva; O. Wegelius, Helsinki; R. C. Williams, Jr., Albuquerque, NM; J. B. Winfield, Chapel Hill, NC; M. Zembala, Cracow; N. J. Zvaifler, San Diego, CA

Springer

Copyright

Submission of a manuscript implies: that the work described has not been published before (except in the form of an abstract or as part of a published lecture, review, or thesis); that it is not under consideration for publication elsewhere; that its publication has been approved by all coauthors, if any, as well as by the responsible authorities at the institute where the work has been carried out; that, if and when the manuscript is accepted for publication, the authors agree to automatic transfer of the copyright to the publisher; and that the manuscript will not be published elsewhere in any language without the consent of the copyright holders.

All articles published in this journal are protected by copyright, which covers the exclusive rights to reproduce and distribute the article (e.g., as offprints), as well as all translation rights. No material published in this journal may be reproduced photographically or stored on microfilm, in electronic data bases, video disks, etc., without first obtaining written permission from the publisher.

The use of general descriptive names, trade names, trademarks, etc., in this publication, even if not specifically identified, does not imply that these names are not protected by the relevant laws and regulations.

While the advice and information in this journal is believed to be true and accurate at the date of its going to press, neither the authors, the editors, nor the publisher can accept any legal responsibility for any errors or omissions that may be made. The publisher makes no warranty, express or implied, with respect to the material contained herein.

Special regulations for photocopies in the USA

Photocopies may be made for personal or in-house use beyond the limitations stipulated under Section 107 or 108 of U.S. Copyright Law, provided a fee is paid. All fees should be paid to the Copyright Clearance Center, Inc., 21 Congress Street, Salem, MA 01970, USA, stating the ISSN 0172-8172, the volume, and the first and last page numbers of each article copied. The copyright owner's consent does not include copying for general distribution, promotion, new works, or resale. In these cases, specific written permission must first be obtained from the publisher.

Springer-Verlag Berlin Heidelberg New York London Paris Tokyo Hong Kong Barcelona Budapest
Printed in Germany by Graphischer Betrieb Konrad Triltsch, D-97070 Würzburg, Germany
© Springer-Verlag Berlin Heidelberg 1995/96
Springer-Verlag GmbH & Co. KG, D-14197 Berlin, Germany

Contents

Abbreviations in parenthesis refer to following sections: (CR) Case report; (L) Letter to the editor; (O) Original; (R) Review; (SC) Short communication.

Aarden L → Broek van den M
Agelli M → Ciompi ML
Aggarwal A → Dabadghao S
Alarcón-Segovia D → Alcocer-Varela J
Alcocer-Varela J, Alarcón-Segovia D: Longitudinal study on the production of and cellular response to interleukin-2 in patients with systemic lupus erythematosus (O) 57
Alvarez-Doforno R → Muñoz-Fernández S
Anderson A → Harkiss GD
Andonopoulos AP, Ballas C: Autonomic cardiovascular neuropathy in primary Sjogren's syndrome (C) 127
Announcements 43, 87, 130, 173, 258
Ansoleaga JJ → Martín-Mola E
Arndt JW → Bois de MHW
Ataman ŞS → Özoran K
Aydıntuğ AO, Tokgöz G, Özoran K, Düzgün N, Gürler A, Tutkak H: Elevated levels of soluble intercellular adhesion molecule-1 correlate with disease activity in Behçet's disease (O) 75
Aziz KE, Wakefield D: In vivo and in vitro expression of adhesion molecules by peripheral blood lymphocytes from patients with primary Sjogren's syndrome: culture-associated enhancement of LECAM-1 and CD44 (O) 69

Bagnasco M → Caretto A
Ballas C → Andonopoulos AP
Balsa A → Muñoz-Fernández S
Bambara LM → Biasi D
Bambara LM → Caramaschi P
Bazzichi L → Ciompi ML
Berg van den WB → Valburg van AA
Betterle C → Caretto A
Beyeler C, Lehmann T, Schlapbach P, Gerber NJ, Fuchs WA: Diffuse idiopathic skeletal hyperostosis (DISH) of the shoulder. A controlled radiological study (O) 107
Biasi D, Caramaschi P, Carletto A, Pacor ML, Bambara LM: A case of rheumatoid arthritis with lumbar spine involvement (C) 125
Biasi D → Caramaschi P
Bode FM → Witte T
Boeije L → Broek van den M
Bois de MHW, Westedt M-L, Arndt JW, Wiarda KS, Velde van der EA, Pauwels EKJ, Breedveld FÇ: Value of ^{99m}TC-IgG scintigraphy in the prediction of joint destruction in patients with rheumatoid arthritis of recent onset (O) 155
Bologna C → Jorgensen C
Bowdler J → Kornasoff D
Breedveld FÇ → Bois de MHW
Broek van den M, Boeije L, Swaak T, Smeenk R, Aarden L: Functional analysis of synovial fluid and peripheral blood T cells from patients with rheumatoid arthritis (O) 137
Brzezińska B → Sopata I
Burchardi C → Schnabel A

Caramaschi P, Biasi D, Carletto A, Manzo T, Randon M, Zeminian S, Bambara LM: Finger skin temperature in patients affected by Raynaud's phenomenon with or without anticentromere antibody positivity (O) 217
Caramaschi P → Biasi D
Caretto A, Ostuni PA, Chieco-Bianchi F, Pedini B, Spadaccino AC, Bagnasco M, Todesco S, Betterle C: An immunohistochemical study of immunological phenomena in minor salivary glands in patients with Sjögren's syndrome (O) 51
Carletto A → Biasi D
Carletto A → Caramaschi P
Chieco-Bianchi F → Caretto A
Ciompi ML, Marchetti G, Bazzichi L, Puccetti L, Agelli M: D-penicillamine and gold salt treatments were complicated by myastenia and pemphigus, respectively, in the same patient with rheumatoid arthritis (O) 95
Costes J → Jorgensen C
Cuesta M → Muñoz-Fernández S

Dabadghao S, Misra R, Naveed M, Aggarwal A: IgM rheumatoid factor estimation by ELISA in seronegative rheumatoid arthritis before and after IgM fractionation: does seronegative RA exist? (O) 189
Darmawan J, Valkenburg HA, Muirden KD, Wigley RD: The prevalence of soft tissue rheumatism. A who-ilar copcord study (O) 121
Deicher H → Sachse C
Deicher H → Witte T
Deonarain R → Fielder M
Düzgün N → Aydıntuğ AO
Düzgün N → Özoran K

Ebringer A → Fielder M
Eguchi K → Sakito S
Ehrlich W, Huser H, Kröger H: Induction and activation of procollagenase in rabbit synovial fibroblasts after treatment with active oxygen released by xanthine/xanthine oxidase (O) 131
Ehrlich W, Huser H, Kröger H: Inhibition of the induction of collagenase by interleukin-1β in cultured rabbit synovial fibroblasts after treatment with the poly (ADP-ribose)-polymerase inhibitor 3-aminobenzamide (C) 171
Elkayam O → Wigler I
Eto S → Higashi S
Eysel HH → Shaw RA

Fehr K → Neidhart M
Fielder M, Tiwana H, Youinou P, Le Goff P, Deonarain R, Wilson C, Ebringer A: The specificity of the anti-*Proteus* antibody response in tissue-typed rheumatoid arhritis (RA) patients from Brest (O) 79
Filipowicz-Sosnowska A → Sopata I
Fontán G → Muñoz-Fernández S
Franck H, Munz M, Scherrer M, Lilienfeld-Toal v H: Lateral spine dual-energy X-rax absorptiometry. Bone mineral measurement with fan-beam design: effect of osteophytic calcifications on lateral and anteroposterior spine BMD (O) 151
Fricke M → Sachse C
Fritz P, Saal JG, Wicherek C, König A, Laschner W, Rautenstrauch H: Quantitative photometrical assessment of iron deposits in synovial membranes in different joint diseases (O) 211
Fuchs WA → Beyeler C
Fujimori J, Yoshino S, Koiwa M, Hirai H, Shiga H, Hayama N, Iino Y: Improvement in rheumatoid arthritis following application of an extracorporeal granulotrap column, G-1 (O) 175

Gallus AS → Quadros NP
Gerber NJ → Beyeler C
Gijón-Baños J → Muñoz-Fernández S
Gijón-Baños J → Martín-Mola E
Gohlke F → Krenn V
Green C → Harkiss GD
Greiner A → Krenn V
Gross WL → Schnabel A
Gürler A → Aydıntuğ AO
Gürler A → Özoran K

Harkiss GD, Green C, Anderson A, Watt NJ: Immunoglobulin deposits in synovial membrane and cartilage and phenotype analysis of chondrocyte antigens in sheep infected with the visna retrovirus (O) 15
Hartung K → Sachse C
Hartung K → Witte T
Hayama N → Fujimori J
Heesemann J → Huppertz H-I
Henkel E → Sachse C
Herlyn K → Schnabel A
Higashi S, Ota T, Eto S: Biochemical analysis of ferritin subunits in sera from adult Still's disease patients (O) 45
Hirai H → Fujimori J
Huppertz H-I, Karch H, Heesemann J: Diagnostic value of synovial fluid analysis in children with reactive arthritis (O) 167
Huser H → Ehrlich W
Huser H → Ehrlich W

Iino Y → Fujimori J

Jackson M → Shaw RA
Jäger L → Stonāns I
Jorgensen C, Sun R, Rossi JF, Costes J, Richard D, Bologna C, Sany J: Expression of a multidrug resistance gene in human rheumatoid synovium (O) 83
Junker U → Stonāns I

Kalden JR → Sachse C
Karch H → Huppertz H-I
Kawaba Y → Sakito S
Khan MA: Arthritis and autoimmunity. Report on the 15th Sigrid Jusélius Symposium (M) 39
Koiwa M → Fujimori J
Kondo H → Nomura M
König A → Fritz P
König A → Krenn V
Kornasoff D, Maisenbacher J, Bowdler J, Raber A: The efficacy and tolerability of aceclofenac compared to indomethacin in patients with rheumatoid arthritis (O) 225
Kotowich S → Shaw RA
Kraan van der PM → Valburg van AA
Krenn V, Schalhorn N, Greiner A, Molitoris R, König A, Gohlke F, Müller-Hermelink HK: Immunohistochemical analysis of proliferating and antigen-presenting cells in rheumatoid synovial tissue (O) 239
Kröger H → Ehrlich W
Kröger H → Ehrlich W

Lakomek HJ → Sachse C
Laschner W → Fritz P
Le Goff P → Fielder M
Lehmann T → Beyeler C
Liedvogel B → Sachse C
Lilienfeld-Toal v H → Franck H
Loos M → Trinder PKE
Lüthke K → Sachse C

Maśliński S → Sopata I
Maeurer MJ → Trinder PKE
Maisenbacher J → Kornasoff D
Mantsch HH → Shaw RA
Manzo T → Caramaschi P
Marchetti G → Ciompi ML
Martín-Mola E, Gijón-Baños J, Ansoleaga JJ: Aceclofenac in comparison to ketoprofen in the treatment of rheumatoid arthritis (O) 111
Members of the SLE Study Group → Sachse C
Michel BA → Neidhart M
Misra R → Dabadghao S
Molitoris R → Krenn V
Muñoz-Fernández S, Alvarez-Doforno R, Cuesta M, Balsa A, Fontán G, Gijón-Baños J: Antiperinuclear factor: a useful test for the diagnosis of rheumatoid arthritis (O) 145
Muirden KD → Darmawan J
Müller-Hermelink HK → Krenn V
Munz M → Franck H

Nagataki S → Sakito S
Naveed M → Dabadghao S
Neidhart M, Fehr K, Pataki F, Michel BA: The levels of memory (CD45RA–, RO+) CD4+ and CD8+ peripheral blood T-lymphocytes correlate with IgM rheumatoid factors in rheumatoid arthritis (O) 201
Nomura M, Okada J, Kondo H: Detection of anti-bovine β_2-glycoprotein I antibody in sera from patients with antiphospholipid syndrome 1

Okada J → Nomura M
Osch van GJVM → Valburg van AA
Ostuni PA → Caretto A
Ota T → Higashi S
Özoran K, Düzgün N, Tutkak H, Gürler A, Tokgöz G: Fibronectin and circulating immune complexes in Behçet's disease (O) 221
Özoran K, Sivri B, Ataman Ş, Ünal S: Esophageal motility disorder in a patient with rheumatoid arthritis (L) 255
Özoran K → Aydıntuğ AO

Pacor ML → Biasi D
Paran D → Wigler I
Pataki F → Neidhart M
Pauwels EKJ → Bois de MHW
Pedini B → Caretto A
Peter H-H → Röther E
Peter HH → Sachse C
Puccetti L → Ciompi ML

Quadros NP, Roberts-Thomson PJ, Gallus AS: Sera from patients with systemic lupus erythematosus demonstrate enhanced IgG binding to endothelial cells pretreated with tumour necrosis factor alpha (O) 99

Raber A → Kornasoff D
Randon M → Caramaschi P
Rautenstrauch H → Fritz P
Reinhold-Keller E → Schnabel A
Richard D → Jorgensen C
Roberts-Thomson PJ → Quadros NP
Rossi JF → Jorgensen C
Röther E, Schochat Th, Peter H-H: Antineutrophil cytoplasmic antibodies (ANCA) in rheumatoid arthritis: a prospective study (O) 231

Saal JG → Fritz P
Sachse C, Lüthke K, Hartung K, Fricke M, Liedvogel B, Kalden JR, Peter HH, Lakomek HJ, Henkel E, Deicher H, Members of the SLE Study Group: Significance of antibodies to cardiolipin in unselected patients with systemic lupus erythematosus: clinical and laboratory associations (O) 23
Sakito S, Ueki Y, Eguchi K, Kawabe Y, Nagataki S: Serum cytokines in patients with rheumatoid arthritis. Correlation of interferon γ and tumor necrosis factor α with the characteristics of peripheral blood mononuclear cells (O) 31
Sany J → Jorgensen C
Schalhorn N → Krenn V
Scherrer M → Franck H
Schlapbach P → Beyeler C
Schmidt RE → Witte T
Schnabel A, Herlyn K, Burchardi C, Reinhold-Keller E, Gross WL: Long-term tolerability of methotrexate at doses exceeding 15 mg per week in rheumatoid arthritis (O) 195
Schochat Th → Röther E
Schorlemmer H-U → Trinder PKE
Shaw RA, Kotowich S, Eysel HH, Jackson M, Thomson GTD, Mantsch HH: Arthritis diagnosis based upon the near-infrared spectrum of synovial fluid (O) 159
Shiga H → Fujimori J
Sivri B → Özoran K
Smeenk R → Broek van den M
Sopata I, Wize J, Filipowicz-Sosnowska A, Stanislawska-Biernat E, Brzezińska B, Maśliński S: Neutrophil gelatinase levels in plasma and synovial fluid of patients with rheumatic diseases (O) 9
Spadaccino AC → Caretto A
Stanislawska-Biernat E → Sopata I
Stonāne E → Stonāns I
Stonāns I, Stonāne E, Vogelsang H, Junker U, Jäger L: Differential expression of cytokine genes in CD27-positive and -negative CD4 lymphocyte subsets from healthy humans and rheumatoid arthritis patients (O) 249
Sun R → Jorgensen C
Swaak T → Broek van den M

Thomson GTD → Shaw RA
Tiwana H → Fielder M
Todesco S → Caretto A
Tokgöz G → Aydıntuğ AO
Tokgöz G → Özoran K
Trinder PKE, Maeurer MJ, Schorlemmer H-U, Loos M: Autoreactivity to mouse C1q in a murine model of SLE (O) 117
Tutkak H → Aydıntuğ AO
Tutkak H → Özoran K

Ueki Y → Sakito S
Ünal S → Özoran K

Valburg van AA, Osch van GJVM, Kraan van der PM, Berg van den WB: Quantification of morphometric changes in murine experimental osteoarthritis using image analysis 181
Valkenburg HA → Darmawan J
Velde van der EA → Bois de MHW
Vogelsang H → Stonāns I

Wakefield D → Aziz KE
Watt NJ → Harkiss GD
Westedt M-L → Bois de MHW
Wiarda KS → Bois de MHW
Wicherek C → Fritz P
Wigler I, Elkayam O, Paran D, Yaron M: Spa therapy for gonarthrosis: a prospective study (O) 65
Wigley RD → Darmawan J
Wilson C → Fielder M
Witte T, Hartung K, Bode FM, Schmidt RE, Deicher H: Characterization of B-cell lines from SLE patients and their relatives (O) 89
Wize J → Sopata I

Yaron M → Wigler I
Yoshino S → Fujimori J
Youinou P → Fielder M

Zeminian S → Caramaschi P

Announcements 43, 87, 130, 173, 258